

## Electronic Acknowledgement Receipt

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| <b>EFS ID:</b>                              | 4267086  |
| <b>Application Number:</b>                  | 10577799   |
| <b>International Application Number:</b>    |  |
| <b>Confirmation Number:</b>                 | 5231   |
| <b>Title of Invention:</b>                  | Components for optical qubits in the radio frequency basis |
| <b>First Named Inventor/Applicant Name:</b> | Timothy Cameron Ralph                                      |
| <b>Customer Number:</b>                     | 27123  |
| <b>Filer:</b>                               | Richard Straussman/Anita Coughlan                          |
| <b>Filer Authorized By:</b>                 | Richard Straussman   |
| <b>Attorney Docket Number:</b>              | 4894-0001  |
| <b>Receipt Date:</b>                        | 11-NOV-2008  |
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| <b>Application Type:</b>                    | U.S. National Stage under 35 USC 371                       |

### Payment information:

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| Submitted with Payment | no |
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### File Listing:

| Document Number | Document Description | File Name     | File Size(Bytes)/<br>Message Digest                    | Multi Part /.zip | Pages (if appl.) |
|-----------------|----------------------|---------------|--|------------------|------------------|
| 1               |                      | Amendment.pdf | 189942<br>f412e4a0a9884a3ea069dfc19dcc30e790de<br>f608 | yes              | 6                |

|   | Multipart Description/PDF files in .zip description     |                    |  |     |    |
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|   | Document Description                                    |                    | Start                                    | End |    |
|   | Response to Election / Restriction Filed                |                    | 1  | 1   |    |
|   | Specification   |                    | 2  | 2   |    |
|   | Claims  |                    | 3  | 4   |    |
|   | Applicant Arguments/Remarks Made in an Amendment        |                    | 5  | 6   |    |
| Warnings:                                       |   |                    |  |     |    |
| Information:                                    |   |                    |  |     |    |
| 2   | Information Disclosure Statement (IDS)<br>Filed (SB/08) | IDS.pdf            | 155832                                   | no  | 3  |
|   |   |                    | 71898676e7aab05942427f6b8474514c41d4c12f |     |    |
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| 3   | Information Disclosure Statement Letter                 | 1449.pdf           | 41533                                    | no  | 1  |
|   |   |                    | 7ba3681f50b3581da21cb36aefb9eaac6a3f9e35 |     |    |
| Warnings:                                       |   |                    |  |     |    |
| Information:                                    |   |                    |  |     |    |
| 4   | Foreign Reference                                       | 20020140941A1.PDF  | 549753                                   | no  | 7  |
|   |   |                    | f1321ce4e805459e19b1b41267aa7a4a28136339 |     |    |
| Warnings:                                       |   |                    |  |     |    |
| Information:                                    |   |                    |  |     |    |
| 5   | Foreign Reference                                       | 20030169880A1.PDF  | 1145900                                  | no  | 15 |
|   |   |                    | 7a7ec576e4aab3a6f09350610c44e2e36dbfabba |     |    |
| Warnings:                                       |   |                    |  |     |    |
| Information:                                    |   |                    |  |     |    |
| 6   | Foreign Reference                                       | WO2003019283A2.PDF | 2425837                                  | no  | 51 |
|   |   |                    | 821f599a27629e02566cb8fffb42cf2a819e4b0a |     |    |
| Warnings:                                       |   |                    |  |     |    |
| Information:                                    |   |                    |  |     |    |
| 7   | NPL Documents   | search_report.pdf  | 103622                                   | no  | 1  |
|   |   |                    | e7fe56a46b68464e8c6a02f09e065c2dd6fac6fc |     |    |
| Warnings:                                       |   |                    |  |     |    |
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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.